

FABRICATION AND INSPECTION OPERATIONS SHEETS (FIOS) ADMINISTRATION

following revisions, operation changes and identification of nonconformances

LMS-CP-5643
Revision: D-2

Objectives

- to ensure documentation enables technicians to track work operations during the fabrication process
- to track revisions, changes to operations, and identify nonconformances and nonconforming product

Approval _____ Original signed on file
Associate Director for Research and Technology Competencies

General Information

The following records are generated by this procedure and should be maintained in accordance with CID 1440.7:

- LF 133A, Fabrication Work Request Supplement Sheet
- LF 136, Fabrication and Inspection Operations Sheet
- LF 143, Nonconformance Failure Report
- LF 149, Nonconformance Report

Note 1

When revisions do not change fabrication operations:

- For LF 133 revisions, record the revision as the next entry on the LF 133A
- For LF 136 revisions, record revision information in block 6 of the LF 136 and
- Continue with the operations as defined on LF 136

For revisions that change fabrication operations:

- Record revision information in block 6 of the LF 136
- Mark through the processes occurring after the revision on the LF 136
- Record the revision change and brief description in block 3 of the newly issued LF 136
- Add revised operations to block 5
- Obtain the Requester's or Project Representative's approval
- Continue with the operations as defined on the newly issued LF 136

Note 2

- Record operation change information in block 6 of the referring LF 136
- Mark through the processes occurring after the operation change on the referring LF 136
- Record the operation change and brief description in block 3 of the newly issued LF 136
- Add revised operations to block 5 of the newly issued LF 136
- Obtain the Requester's or Project Representative's approval
- Continue with the operations as defined on the newly issued LF 136

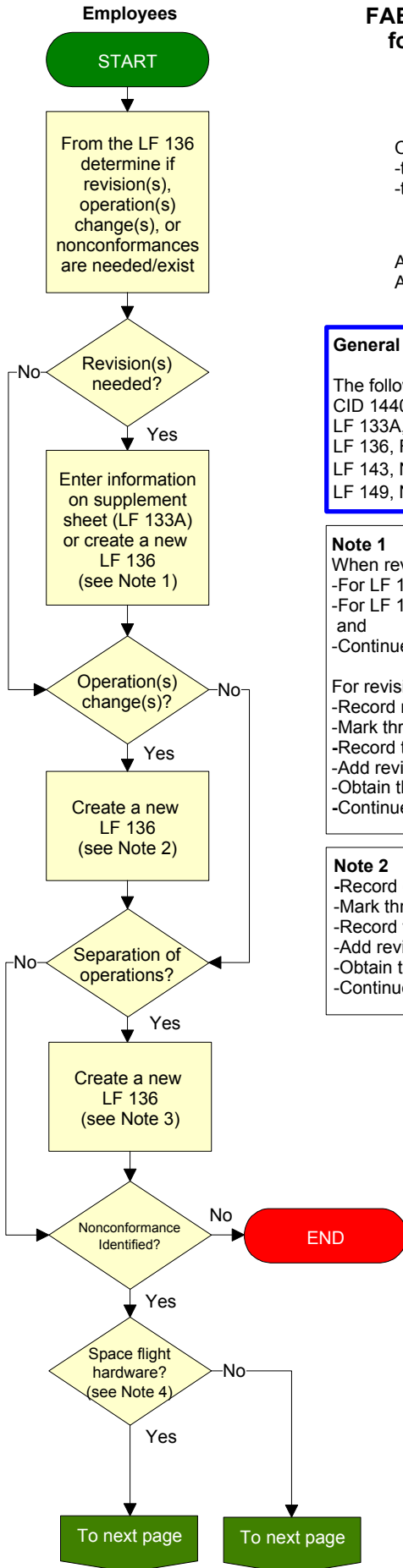
Note 3

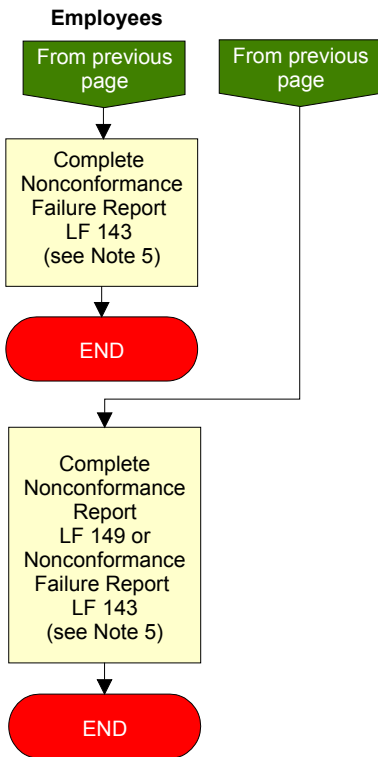
- Record separation information in block 6 of the referring LF 136 with a letter designation (i.e. separation A, B, AA, BA)
- Record the separation change letter(s) as a suffix to the tracking # on the newly issued LF 136
- Record the separation and a brief description in block 3 of the newly issued LF 136
- Record the new LF 136 operations starting with the last operation being worked on the referring LF 136
- Make a copy of the original LF 133 and LF 133A if used
- Mark as a copy(ies) for retention in the new package until the completed original separation sheet is returned
- Continue with the operations as defined on the original LF 136 and the newly issued LF 136

NOTE: Changes to the LF 133 during separation must be noted on an LF 133A with the separation suffix shown in the tracking #

Note 4

A Nonconformance Failure Report LF 143 is required for Space Flight hardware and for other types of work when required by a prescribing document. When other types of work do not have specified requirement, a Nonconformance Report LF 149 must be used.





Note 5

For nonconformances (nonconforming product) that do not change operations:

- Record Nonconforming Report number or Nonconformance Failure Report number in block 6 of the referring LF 136
- Record the information on the Nonconforming Report or Nonconformance Failure Report
- Continue with the operations as defined on the referring LF 136

For nonconformances (nonconforming product) that changes operations:

- Record Nonconforming Report number or Nonconformance Failure Report number in block 6 of the referring LF 136
- Mark through the remainder of the processes on the referring LF 136
- Record Nonconforming Report number or Nonconformance Failure Report number in block 3 of the newly issued LF 136
- Add revised operations to block 5 of the newly issued LF 136
- Continue with the operations as defined on the newly issued LF 136